## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Smith, Douglas

Serial No.: 08/487,032

Filed: June 7, 1995

For: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO HELICOBACTER PYLORI FOR DIAGNOSTICS AND THERAPEUTICS

Attorney Docket No.: GTN-001

Commissioner for Patents

Box AF

Washington, D.C. 20231

Group Art Unit: 1645

Examiner: V. Portner

andt 38/I(ne) Lunda 3/7/02

## CERTIFICATE OF FACSIMILE TRANSMISSION

I hereby certify that this correspondence is being facsimile transmitted to: Commissioner for Patents, Washington, D.C. 20231, on the date set forth below.

March 4, 2002

) ----

Amy E. Mandragouras Esq. 36,207

AMENDMENT AND RESPONSE AFTER FINA

Dear Sir:

This is in response to the Final Office Action (Paper No. 32) mailed from the U.S. Patent and Trademark Office on February 1, 2001 for the above-referenced application. An Appeal Brief with a separate petition for the appropriate extension of time is also being filed concurrently herewith viu Certified First Class mail. Enclosed herewith is an appendix of



COUNSELLORS AT LAW
28 STATE STREET
BOSTON, MASSACHUSETTS 02109-1784
TELEPHONE (617) 227-7400
FAX (617) 742-4214
1c@lahivc.com

JOHN A LAHIVE, JR. (1928-1997) THOMAS V SMURZYNSKI RALPM A LOREN GIULIO A DECENTI. JR ANN LAMPORT HAMMITTE ELIZABETH A HANLEY AMY BAKER MANDRAGOURAS ANTHONY A, LAURENTANO KEVIN J. CANNING JANE É REMILLARD DOANN FORAN SMITH PETER C LAURO JEANNE M DIGIORGIÓ DEBRA J. MILASINCIC, Pr. D. DAVID J. RIKKERS DAVID R. BURNS JOHN S. CURRAN SEAN D. DETWEILER

CYNTHIA L. KANIK PD D
MEGAN E WILLIAMS, PD D
RICHA MAND
MICHAEL PHILLIPPS \*
LISA M DROCCO
HATHAWAY P RUSSELL \*\*
MARA LACCOTRIPE ZACHARAWS, PD D
PETER A DMATTIA
VINCENT P LOCOSANO
MERIDETH C ARNOLD

SENIOR COUNSEL JAMES E. COCKFIELD

OF COUNSEL JEREMIAN LYNCH WILLIAM A SCOFIELD, JR SIBLEY P REPPERT THEODORE MANY RECEIVED
SHAYNEY HOPF, Ph.D.
DANIEL B KO

TECHNICAL SPECIALISTS
CYNTHIA M SOROOS
PETER W DINI; Ph. GROUP 1600
ELIHOON LEE
LENNIFER X ROSENFIELD
ALLAN TAMESHTIT. Ph.D.
CATHERINE E MCPHERSON
ERIC F WAGNER, Ph.D.
SHAHID PASAN, Ph.D.

CRISTINE HOWEET PRO

JACOB G WEINTRAUB

JONATHAN M SPARAS PR D

March 4, 2002

Commissioner for Patents Box AF Washington, D.C. 20231

Re:

U.S. Patent Application Serial No. 08/487,032

Title: "Nucleic Acid and Amino Acid Sequences Relating to Helicobacter Pylori for Diagnostics and Therapeutics"

Inventor: Douglas Smith Filing Date: June 7, 1995 Our Reference No. GTN-001

Dear Sir:

I enclose herewith for filing in the above-identified application the following:

1. Amendment and Response After Final (12 pgs.) with Version With Markings to Show Changes Made (2 pgs.), Appendix A (2 pgs.), Appendix B (15 pgs.), and Appendix C (1 pg.).

Please charge any necessary fees or credit any overpayments to our Deposit Account No. 12-0080. The undersigned requests any extensions of time necessary to respond. For this purpose, a duplicate of this sheet is enclosed

CERTIFICATE OF FACSIMILE TRANSMISSION

I hereby certify that this correspondence is being facsimile transmitted to the Commissioner for Patents, Washington, DC 20231 on

Amy E Mandrigouras Esq. Registration No. 30-207

March 4, 2002

Dated: March 4, 2002

Respectfully submitted,

LAHIVE & COCKFIELD, LLP

Amy E. Mandragouras, Esq.

Registration No. 36,207 Attorney for Applicant

Received from < 6177424214 > at 3/4/02 7:29:23 PM [Eastern Standard Time]

106 P.01 F-811

D, LLP

LAHIVE COCKFIELD

COUNSELLORS AT LAW
28 STATE STREET
BOSTON, MASSACHUSETTS 021091784
TELEPHONE (617) 227-7400
FAX (617) 742-4214
IC@lanive com

JOHN A. LANGVE, JR (1928-1997) THOMAS Y SMURZYNERS RALPH A LOREN GIULIO A DOCONTI, IR ANN LAMPORT HAMMITTE EUZABETH A HANLEY AMY BAKER MANDRAGOURAS ANTHONY A LAURENTANO KEVIN J CANNING ANE E REMILLARO OHANN FORAN SMITH PETER C LAURO JEANNE M DIGIORGIO DEBRAU MILASINCIC POD DAVID J RIXKERS DAVID R BURNS JOHN S CURRAN SEAN D DETWEILER

CYNTHIA L KANIK, MT D
MEGAN E WILLIAMS, MT D
RICHA NAND
MICHAEL PHILLIPPS:
LISA M DROCCO
HATHAWAY P RUSSELL ~
MARIA LACCOTHAPE ZACHARANIS, PH D
PETERA DIMATTIM
VINCENT P LOCCISANO
MERIDETH C ARNOLD

SENIOR COUNSEL JAMES E COCKFIELD

OF COUNSEL JEREMIAN LYNCH WILLIAM A. SCOFIELD, JR SIBLEY P. REPPERT PATENT AGENTS
THEODORE R. WEST
SHAYNEY HUSE POR RECEIVED
DANIEL B. KOFARX RECEIVED
TECHNICAL SPECIALISTS 0 6 2002
TYMTHAM SORGOS MAR 0 6 2002
EYNTHAM SORGOS MAR 0 6 2002
EYNTHAM SORGOS MAR 0 6 2002
EYNTHAM SORGOS MAR 0 6 2002
ELIMOON LEE
JENNIFER K. ROSENGE POUP 1600

LIMOON LEE
JENNIFER K. ROSENGE POUP 1600
CATHERINE E MOPHERSON
ERIC F. WAGNER, PH D
SHAHID HASAN, PH D
JACOB G. WEINTRAUB
JONATHAM M. SPARKS, PH D
CRUSTINE HOWLEY, PH D

AGRISGOS IN N. ONL

"Admistion in Tarony"

## **Facsimile Cover Sheet**

To: Examiner V. Portner, Group Art Unit 1645

Company: U.S. Patent and Trademark Office

Location: Washington, DC 20231

Phone: 703-308-7543 Fax: 703-872-9307

From: Amy E. Mandragouras, Esq.

Phone: (617) 227-7400 Fax: (617) 742-4214

Case No.: GTN-001

U.S. Serial No. 08/487,032

Date: 03/04/02

Sent By: LMD Pages including this

cover page: 35

Message:

## --PLEASE DELIVER TO EXAMINER V. PORTNER IN GROUP ART UNIT 1645.--

The documents transmitted by this facsimile are intended for the use of the individual or the entity to which it is addressed and may contain information that is privileged, confidential and exempt from disclosure under applicable law. If the reader of the message is not the intended recipient, or the employee or agent responsible for delivering this document to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately by telephone and return the original facsimile to us at the above address via the U.S. Postal Service. Thank you.